

Title (en)

Automatic startup for a solvent ink printing system

Title (de)

Automatischer Anlauf des Druckersystems mit Tinte auf Lösungsmittelbasis

Title (fr)

Démarrage automatique d'un système d'impression à l'encre à base de solvant

Publication

**EP 1405726 A1 20040407 (EN)**

Application

**EP 03256233 A 20031002**

Priority

US 26473602 A 20021004

Abstract (en)

The method involves causing flush fluid to weep out of a drop generator (34) to dissolve and rinse away ink residues from a charge plate and an exterior of an orifice plate (40). The flush fluid is jetted from drop generator orifices, and the jetted fluid is changed from flush fluid to ink without stopping the jetting of the fluid. The charge plate is rinsed with condensation produced by heating the jetting fluid.

IPC 1-7

**B41J 2/165**

IPC 8 full level

**B41J 2/165** (2006.01); **B41J 2/18** (2006.01); **B41J 2/185** (2006.01)

CPC (source: EP US)

**B41J 2/16552** (2013.01 - EP US); **B41J 2/185** (2013.01 - EP US)

Citation (search report)

- [A] DE 3607237 A1 19860918 - CONTRAVES GMBH [DE]
- [A] US 4050078 A 19770920 - ISAYAMA TAKURO, et al
- [DA] US 4600928 A 19860715 - BRAUN HILARION [US], et al

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1405726 A1 20040407**; **EP 1405726 B1 20080423**; DE 60320499 D1 20080605; DE 60320499 T2 20090520; JP 2004276587 A 20041007; JP 4331560 B2 20090916; US 2004066427 A1 20040408; US 2005083368 A1 20050421; US 6848767 B2 20050201; US 7055931 B2 20060606

DOCDB simple family (application)

**EP 03256233 A 20031002**; DE 60320499 T 20031002; JP 2003346706 A 20031006; US 26473602 A 20021004; US 644204 A 20041207